

**PhD applications shortlisting criteria of Mechanical Engg., IIT Ropar for Sem-II, AY21-22:**

<b>Cat.</b>	<b>Regular</b>	<b>ERP</b>	<b>Direct</b>	<b>Part-time</b>
Gen/ OBC	<p><b><u>Master's (Engg/Tech)</u></b> QPI cutoff for MD<sup>^</sup> =70 for MF/TF=80 Or Master's (Sciences) QPI cutoff 70+valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MD<sup>^</sup> candidates  cutoff 80 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MF/TF candidates Or <b><u>Bachelor's(Engg/Tech)</u></b> QPI cutoff: MD<sup>^</sup> =70   MF/TF=80 + valid GATE score - GATE is not required for IIT BTech candidates with 8 CGPA.</p>	<p><b><u>Master's (Engg/Tech.):</u></b> 65% or 7 CGPA+2 years experience of R&amp;D work Or <b><u>Master's (Science):</u></b> 65% or 7 CGPA and valid score in GATE/UGC/CSIR/ NET/NBHM or equivalent + 2 years experience of R&amp;D work Or <b><u>BTech/BE:</u></b> 65% or 7CGPA+ 4 years experience of R&amp;D work</p>	<p><b>CFTI:</b> Studying in BTech/BE final year+8 CGPA Or <b>Non-CFTI:</b> Studying in BTech/BE final year+8 CGPA and valid GATE score</p>	<p><b><u>Master's (Engg/Tech.):</u></b> 65% or 7 CGPA+2 years experience of R&amp;D work Or <b><u>Master's (Science):</u></b> 65% or 7 CGPA and valid score in GATE/UGC/CSIR/ NET/NBHM or equivalent + 2 years experience of R&amp;D work Or <b><u>BTech/BE:</u></b> 65% or 7CGPA+ 4 years experience of R&amp;D work</p>
SC/ ST	<p><b><u>Master's (Engg/Tech)</u></b> QPI cutoff for MD =65 for MF/TF=75  <b><u>Master's (Science)</u></b> QPI cutoff 65 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MD<sup>^</sup> candidates  cutoff 75 + valid GATE/UGC/ CSIR/NET/NBHM or equivalent for MF/TF candidates  <b><u>Bachelor's(Engg/Tech)</u></b> QPI cutoff: MD<sup>^</sup> =65   MF/TF=75 + valid GATE score</p>	<p><b><u>Master's (Engg/Tech.):</u></b> 60% or 6.5 CGPA+2 years experience of R&amp;D work Or <b><u>Master's (Science):</u></b> 60% or 6.5 CGPA and valid score in GATE/UGC/CSIR/ NET/NBHM or equivalent + 2 years experience of R&amp;D work Or <b><u>BTech/BE:</u></b> 60% or 6.5 CGPA +4 years experience only in R&amp;D work</p>	<p><b>CFTI:</b> Studying in BTech/BE final year+8 CGPA Or <b>Non-CFTI:</b> Studying in BTech/BE final year+8 CGPA and valid GATE score</p>	<p><b><u>Master's (Engg/Tech.):</u></b> 60% or 6.5 CGPA+2 years experience of R&amp;D work Or <b><u>Master's (Science):</u></b> 60% or 6.5 CGPA and valid score in GATE/UGC/CSIR/ NET/NBHM or equivalent + 2 years experience of R&amp;D work Or <b><u>BTech/BE:</u></b> 60% or 6.5 CGPA +4 years experience only in R&amp;D work</p>

- **QPI (Quantitative Performance Index) = 0.9 x % of Marks @ Qualifying Degree + 10 x IW (Institute Weightage)**
- **Equivalent percentage of Marks corresponding to CGPA/CPI = (CGPA/CPI) \* 65/7**
- **IW = 1** (For CFTI Institutes or Top 25 NIRF Engineering Rank Institutes), **IW = 0** (For Non-CFTI Institutes or More than 25 NIRF Engineering Rank Institutes)
- **MD = Mechanics & Design, MF = Manufacturing Engineering, TF = Thermal & Fluids**
- **MD<sup>^</sup> = The cutoff is lower for this specialization considering the advertised project funded seats.**
- **The percentage of MTech from foreign universities is considered equivalent to QPI.**